

LUBRICATION ORDER

LO 9-2320-213-12

5 JULY 1963 (Supersedes LO 9-8034-10, 28 June 1957)

TRUCK, PLATFORM UTILITY: 1/2-TON, 4x4, M274 AND M274A1

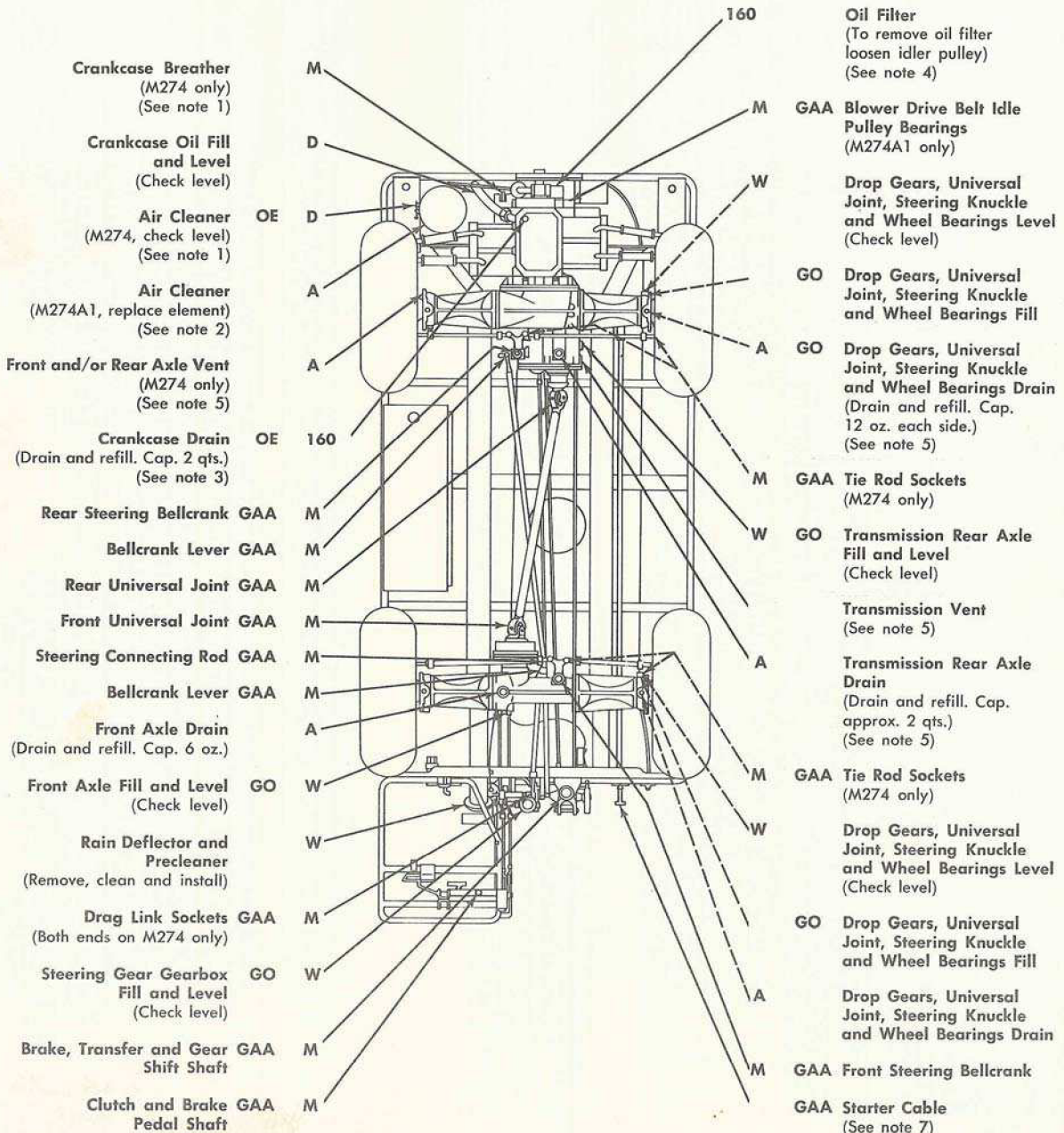
References: TM 9-2320-213-10, TM 9-8034-20

Lubrication will be performed only as prescribed by this order except as required under unusual conditions as described in referenced TM.

Clean fittings before lubricating. Clean parts with THINNER, PAINT, MINERAL SPIRITS (TPM) or DRY-CLEANING SOLVENT (S.D). Dry before lubricating. Lubricate dotted arrow points on both sides of the equipment.

LUBRICANT • INTERVAL

INTERVAL • LUBRICANT



KEY

LUBRICANTS	EXPECTED TEMPERATURES			FOR ARCTIC OPERATION Refer to TM 9-207	LUBRICANTS	INTERVALS
	above +32° F	+40° F to -10° F	0° F to -65° F			
OE—Lubricating oil, internal combustion engine, transmission	OE 30	OE 10	OES		OES—Lubricating oil, internal combustion engine	D—Daily W—Weekly M—Monthly
GO—Lubricating oil, gear	GO 90	GO 75	GOS		GOS—Lubricating oil, gear	A—Annually or 2d Semiannual (S) P.M. Service Whichever Occurs First 160 -160 Hours
GAA—Grease, automotive and artillery	GAA	GAA	GAA			

NOTES

CAUTION: Before turning M274 vehicle on its side or back to be lubricated, remove oil bath air cleaner reservoir. Shut off fuel filler cap vent valve (M274A1 only). After lubrication, return vehicle to normal position and remove spark plugs. Hand crank engine several times in order to expel any oil that may have accumulated in engine cylinders. Install spark plugs and air cleaner reservoir. This caution also applies to the M274A1 vehicle, except for removing or installing air cleaner reservoir, since this is the dry type. Also, open fuel filler cap vent valve.

- AIR CLEANERS AND BREATHERS (M274 VEHICLE)**—(Oil bath type). Daily replenish to bead level with OE, crankcase grade. Monthly, clean oil reservoir and refill with OE as above whenever crankcase oil is changed. For desert or extremely dusty operation, disassemble. Clean all parts and refill with OE once every operating day or more frequently if required (baffle type). For normal operation, clean, reoil at indicated intervals with OE. For desert or extremely dusty operation, clean and reoil once every operating day or more frequently if required.
- AIR CLEANER (M274A1 VEHICLE)**—(Dry type). Annually replace air cleaner element. Remove all dust and dirt particles from air cleaner using a clean dry cloth. For desert or extreme dusty operation, replace element monthly or more frequently if required. See instructions on air cleaner for cleaning.
- CRANKCASE**—Drain crankcase every 160 hours. Drain only after engine has been running previously and is at operating temperature. Remove sump assembly and clean. Refill to FULL mark on oil level gage. Run engine a few minutes to fill engine oil passages, stop engine, recheck oil level and add oil if necessary.
- OIL FILTER**—Every 160 hours, while crankcase is being drained, remove, clean, and inspect element; clean inside of case; and install element.
- GEAR CASES**—Drain annually. Drain only when hot after operation. Fill to level plug before operation. Clean transmission vent and axle housing vent weekly (M274 only) after operation in mud and water.

- OIL CAN POINTS**—Weekly, lubricate brake clutch throttle disconnects and cables, hand throttle, shifting control rods and support brackets, steering locking and sector joint, storage clips, access cover locks, clamp screw tow bar, steering column brace, tow bar bellcrank, and tow bar drag link with OE.

- LUBRICATED AT TIME OF DISASSEMBLY BY ORDNANCE PERSONNEL**—Starter cable (M274 only).

Copy of this lubrication order will remain with the equipment at all times; instructions contained herein are mandatory and supersede all conflicting lubrication instruction data prior to the date of this lubrication order.

BY ORDER OF THE SECRETARY OF THE ARMY:

Earle G. Wheeler
General, United States Army
Chief of Staff

OFFICIAL:

J. C. Lambert
Major General, United States Army
The Adjutant General

LO 9-2320-213-12 Distribution—Active Army, DCSLOG (1), CNGB (1), USCONARC (3), USAMC (5), USAMOCOM (2), USAWECOM (2), USAMUCOM (2), USAMICOM (2), USAECOM (2), USASACOM (2), ARADCOM (2), ARADCOM Rgn (2), OS Maj Comd (2), OS Base Comd (2), LOGCOMD (2), Armies (3) except Sixth US Army (1), Corps (2), Div (2), Instl (1) except Ft Belvoir (7), Ft Bragg (2), Ft Sill (6), Ft Meade (3), Ft Bliss (9), Ft Hood (7), Ft Sam Houston (7), Svc Colleges (2), Br Svc Sch (2) except USA Ord Sch (50), USA Tk-Autmc Cen (105), GENDEP (OS) (2), Ord Sec, GENDEP (5); Army Dep (1) except Black Hills (5), Rossford (5), Sierra (4), USAOSA (1), POE (2); USA Trans Tml Comd (2); Army Tml (2); Ord PG (10); Ord Arsenal (5) except Benica (10), Frankford (2), Joliet (2), Raritan (10), Springfield Armory (2); Ord Dist (1) except New York, Phila, Chicago (none), St. Louis (3); Ord Plants (5) except Radford (1); Mil Msn (1); Cen (2); Units organized under following TOE'S: 5-225, 5-226, 5-227, 6-28, 6-201, 7-31, 7-32, 7-37, 9-7, 9-12, 9-25, 9-26, 9-27, 9-65, 9-66, 9-67, 9-76, 9-127, 9-137, 9-167, 9-197, 9-357, 9-500 (CA, CB), 11-555 11-557 29-51 29-53, 29-56, 29-57 (2). NG: None. USAR: None. For explanation of abbreviations used, see AR 320-50.